

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number
WO 2005/027011 A3

(51) International Patent Classification⁷: G06F 19/00

(21) International Application Number: PCT/EP2004/052150

(22) International Filing Date: 13 September 2004 (13.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 03103382.2 12 September 2003 (12.09.2003) EP

(71) Applicant (for all designated States except US): QUADRAT [BE/BE]; Septestraat 27, B-2640 Mortsel (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SIGO,

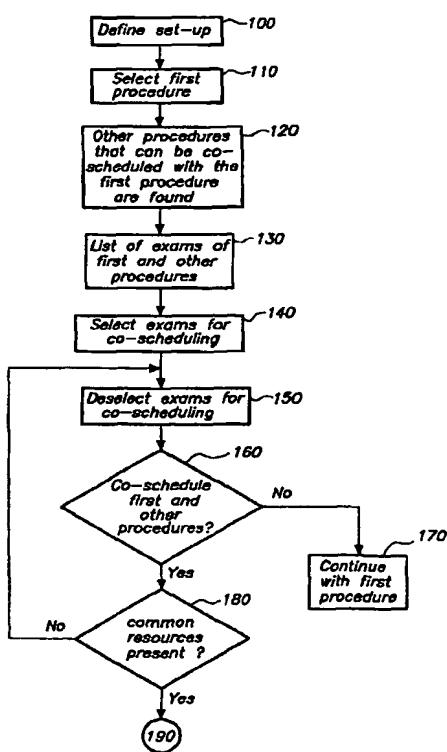
Miguel [BE/BE]; QUADRAT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE). VANSTEENKISTE, Henk [BE/BE]; QUADRAT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE). KIECKENS, Wannes [BE/BE]; QUADRAT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE).

(74) Common Representative: QUADRAT; Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: PLANNING OF SIMULTANEOUS EXAMINATIONS FOR A SINGLE PATIENT WITHIN ONE TIME SLOT



(57) Abstract: The current invention is in the field of scheduling appointments for exams to be performed on patients in a clinical environment, where an appointment must be consistent with the availability of different resources, such as rooms, medical devices and medical or paramedical staff. An opportunity arises when two or more exams must be scheduled for one patient. These exams may be scheduled separately, however it may be possible that a first exam and other exams may be scheduled in one time slot. This depends on the compatibility of the first exam and the other exams and on the simultaneous availability of the resources, required for the first exam and the other exams. If these conditions are fulfilled, a plurality of exams may be combined in one time slot, and the scheduling system has to schedule the first exam only, which scheduling is then valid for all other co-exams.



(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) **Date of publication of the international search report:**
28 July 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— with international search report